

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	((("6567688") or ("6031862") or ("6104942"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/02 15:16
S2	63	(600/430).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/09/05 14:39
S3	211661	microwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 14:40
S4	486	thermoacoustic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 14:40
S5	641564	tissue or breast or cancer or tumor or lesion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 14:41
S6	1968155	frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 14:41
S7	2834691	imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 14:41
S8	17	S3 and S4 and S5 and S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:09
S9	415	adaptive adj (beamforming or beamformation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 17:51
S10	1	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:10
S11	9	S9 and S3 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:10

## EAST Search History

S12	1519485	sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:43
S13	303676	steer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:43
S14	814018	array	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:43
S15	116	S9 and S12 and S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:44
S16	382813	vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:44
S17	54	S9 and S12 and (S13 with S16) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:44
S18	53	S9 and (S12 same S14) and (S13 with S16) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:45
S19	52	S9 and (S12 with S14) and (S13 with S16) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:46
S20	1236	adaptive adj signal adj process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:47
S21	13	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 16:47

## EAST Search History

S22	269	(jian with li).in. or (gang with wang).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 17:52
S23	8	S22 and gainesville	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/05 17:52
S24	8173	(therm\$4 near3 acoustic) or thermoacoustic or (thermally-induced near3 acoustic) or thermoelastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:09
S25	697237	tissue or breast or mammary or mammograph\$3 or tumor or tumorous or cancer or cancerous or lesion or malignant or benign or carcinoma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:10
S26	2958534	imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:10
S27	220764	microwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:11
S28	4236	ultrawideband or uwb or (ultra adj wideband) or (ultrawide adj band) or (ultra adj wide adj band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:13
S29	2049613	frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:13
S30	2186496	multiple or swept or spanning or spans or sweeps	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:25
S31	2	(S25 with S26) and (S24 same S27 same S28)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:26

## EAST Search History

S32	21	(S25 with S26) and (S24 same S27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 16:15
S33	3	("6567688").URPN.	USPAT	OR	ON	2006/03/02 16:31
S34	6	("20020018510"   "4325257"   "4385634"   "5713356"   "6104942"   "6216025").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:31
S35	8173	(therm\$4 near3 acoustic) or thermoacoustic or (thermally-induced near3 acoustic) or thermoelastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:26
S36	697237	tissue or breast or mammary or mammograph\$3 or tumor or tumorous or cancer or cancerous or lesion or malignant or benign or carcinoma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:26
S37	2958534	imag\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:26
S38	220764	microwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:26
S39	4236	ultrawideband or uwb or (ultra adj wideband) or (ultrawide adj band) or (ultra adj wide adj band)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:26
S40	2	(S36 with S37) and (S35 same S38 same S39)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:27
S41	385	S37 and S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 09:27
S42	37	(S37 with S38) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:36
S43	1	("5757320").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/03 10:36
S44	34	("5757320").URPN.	USPAT	OR	ON	2006/03/03 10:39

## EAST Search History

S45	57	("3278843"   "3569971"   "3710387"   "3720950"   "3721978"   "3750125"   "3828348"   "3858205"   "3967282"   "3971990"   "3996589"   "4003051"   "4015264"   "4041382"   "4063238"   "4067225"   "4068233"   "4072942"   "4086528"   "4087754"   "4125835"   "4126860"   "4130796"   "4322678"   "4430653"   "4464622"   "4504833"   "4538149"   "4676100"   "4698634"   "4706031"   "4728897"   "4728953"   "4743906"   "4847552"   "4853617"   "4896116"   "4905008"   "4937580"   "4979186"   "4992741"   "5023484"   "5089704"   "5148175"   "5180969"   "5196826"   "5274271"   "5332938"   "5352974"   "5361070"   "5363108"   "5420589"   "5457394"   "5512834"   "5541605"   "5543799").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:39
S46	16	S35 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:57
S47	8	("6104942").URPN.	USPAT	OR	ON	2006/03/03 11:24
S48	0	S39 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:24
S49	2186496	multiple or swept or spanning or spans or sweeps	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:25
S50	5	S47 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 11:25